Flu or pandemic?

Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE)

ESSENCE monitors and provides alerts for rapid or unusual increases in the occurrence of infectious diseases and biological outbreaks.

Product Features
- ☐ Provide interactive reporting, structured analysis, ad hoc queries of disease syndromes, disease and injury categories, and reportable medical events
- ☐ Provide detection and alerts based on International Classes of Diseases Version 10 codes, pharmacy prescriptions, radiology and laboratory test orders, and advanced text parsing of patient chief complaints
- ☐ Provide actionable patient-identifiable data for further investigation or validation
- ☐ Provide alerts via application alert list, email and text message

Benefits to the Defense Health Agency
- ☐ Monitor worldwide Department of Defense outpatient health care data for certain medical syndromes and other trends of public health interest, using detection methods developed in partnership with Johns Hopkins University
- ☐ Allow Defense Health Agency epidemiologists and public health officers to obtain medical situational awareness and investigate reportable disease events

DHSS